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**Title:** JP2002304977A2: SEPARATOR FOR SEALED LEAD-ACID BATTERY  
SEALED LEAD- ACID BATTERY HAVING THE SEPARATOR BUILT-I

**Country:** JP Japan

**Kind:** A2 Document Laid open to Public inspection

**Inventor:** ASADA ATSUSHI;

**Assignee:** NIPPON SHEET GLASS CO LTD  
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**Published / Filed:** 2002-10-18 / 2001-04-04

**Application Number:** JP2001000106071

**IPC Code:** H01M 2/16; H01M 10/12;

**Priority Number:** 2001-04-04 JP2001000106071

**Abstract:**

**PROBLEM TO BE SOLVED:** To prevent a battery life from being shortened by lowering of the hydrophilicity by giving a high specific surface area to a separator of glass fiber, without substantially lowering mechanical strength and a tightening pressure after injecting an electrolyte.

**SOLUTION:** This separator for the sealed lead-acid battery is formed mainly of glass fiber. A surface roughening treatment is applied to the fiber surface of glass fiber and/or glass fiber with a hollow structure, and which is used for at least a part of the glass fiber for the separator.

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**Family:** None

**Other Abstract Info:** CHEMABS 137(19)281908M CHEMABS 137(19)281908M DERABS G2002-719278 DERABS G2002-719278



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